Philips Aurea
LCD TV with Ambilight Spectra and Perfect Pixel HD Engine

37"

DVB-T/C MPEG4*

37PFL9903H

Seduction by light

Let the beauty of light transform your viewing experience with the Aurea Flat TV. The Ambilight Spectra with active frame is blended in a stunning design. With Perfect Pixel HD engine and Full HD 1080p LCD display, seeing is believing

Bring magic to your viewing experience
- Ambilight Spectra with Active Glass Frame and sensorial halo

A pure treat for your eyes
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- HD ready 1080p for highest quality display of Full HD images
- Perfect Natural Motion for ultra-smooth Full HD movies
- 100Hz Clear LCD, 2ms performance for superb motion sharpness
- 2250 trillion colours processing
- Dynamic contrast 30000:1 for incredible rich black details

Easy to connect and enjoy
- DLNA PC network link to browse PC and Home network content
- 4 HDMI inputs with Easylink for a full HD connection

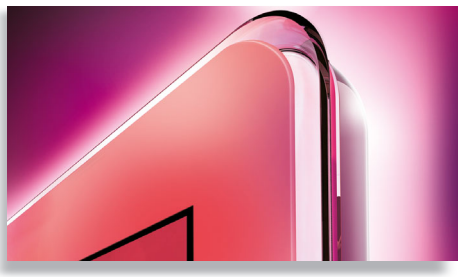
Ready for digital
- MPEG4 HDTV reception via DVB-T and DVB-Cable tuner*

PHILIPS

sense and simplicity

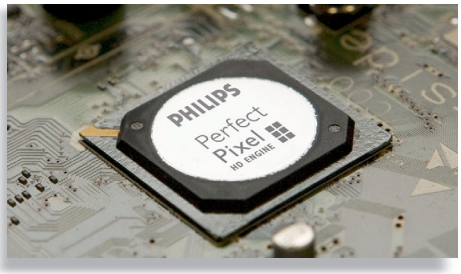
Product highlights

Ambilight Spectra



The sensorial halo of Ambilight Spectra extends the light and atmosphere of the image far outside the screen. You feel fully immersed in the images; it adds a magical dimension to the viewing experience. The Aurea has a high-quality design with a unique edge-to-edge front cut from a single piece of crystalline glass. The Active Frame transforms from a stylish design object into a lively sensation of colour and light. Over 150 power LEDs positioned around the screen create a soft, multicoloured halo directly enveloping the screen and flowing seamlessly onto the wall.

Perfect Pixel HD Engine



Experience unrivalled sharpness and clarity with Perfect Pixel HD Engine. Each pixel of the picture is enhanced to match the surrounding pixels better, resulting in a more natural picture. The result is a unique combination of sharpness, natural detail, vivid colours, superior contrast and smooth natural motion whatever you are watching. Clean and razor sharp images result from artefact and noise detection and reduction in all content sources — from multimedia to standard TV.

Full HD LCD display 1920 x 1080p

Enjoy the exceptional picture quality of Full High Definition TV signals of HD sources like HDTV broadcast, or Blu-ray DVD. HD ready 1080p is a protected label that offers picture quality far beyond that of ordinary HD Ready. It conforms to strict standards laid out by EICTA to offer a Full HD screen that displays the benefits of resolution and picture quality of a Full HD 1920x1080p High Definition TV signal. It has a universal connection for both analogue YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 1080p progressive signals at 24, 50 and 60Hz.

Perfect Natural Motion

Enjoy the action without any judder. Perfect Natural Motion estimates motion in the picture and corrects juddering movements in both broadcast and pre-recorded movie material (including 1080p movies and 24p True Cinema on Blu-ray and DVD). The result is even smoother and quieter pictures with excellent sharpness, regardless of how quick the action gets on-screen. Enjoy motion performance that surpasses cinema quality!

100Hz Clear LCD (2ms)

100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in performance with a response time of 2 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

Dynamic contrast ratio 30000:1

You want the LCD flat display with the highest contrast and most vibrant images. Philips advanced video processing combined with unique extreme dimming and backlight-boosting technology results in vibrant images. Dynamic Contrast will increase the contrast with excellent black level and accurate rendition of dark shades and colours. It gives a bright, lifelike picture with high contrast and vibrant colours.

ambi light · Perfect Pixel HD ENGINE · HD ready 1080p · mp4 · 100Hz Clear LCD 2ms · 2250 trillion colors · Perfect Natural Motion · 4x HDMI

LCD TV with Ambilight Spectra and Perfect Pixel HD Engine
37" DVB-T/C MPEG4*

37PFL9903H/10

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 500 cd/m²
- Dynamic screen contrast: 30000:1
- Response time (typical): 2 (BEW equiv.) ms
- Viewing angle: 176° (H)/176° (V)
- Diagonal screen size: 37 inch / 94 cm
- Display screen type: LCD Full HD W-UXGA Act. matrix
- Panel resolution: 1920 x 1080p
- Picture enhancement: Perfect Pixel HD Engine, Perfect Natural Motion, Perfect Contrast, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, 100 Hz Clear LCD, Jagged Line Suppression, Progressive Scan, 1080p 24/25/30 Hz processing, 1080p 50/60 Hz processing
- Screen enhancement: Anti-Reflection coated screen
- Colour processing: 2250 trillion colours 17bit RGB

Ambilight
- Ambilight Features: Ambilight Spectra, Auto adaptive to video content, Lounge light mode in stand-by
- Dimming Function: Manual and via Light Sensor, 10 steps with Aurea Navigator
- Ambilight light system: LED-wide colour

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60 Hz
800 x 600	60 Hz
1024 x 768	60 Hz
1280 x 768	60 Hz
1360 x 768	60 Hz
1920 x 1080i	60 Hz
1920 x 1080p	60 Hz

- Video formats

Resolution	Refresh rate
480i	60 Hz
480p	60 Hz
576i	50 Hz
576p	50 Hz
720p	50, 60 Hz
1080i	50, 60 Hz
1080p	50, 60 Hz
1080p	24, 25, 30 Hz

Sound
- Output power (RMS): 2 x 15 W
- Sound Enhancement: Auto Volume Leveller, Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equalizer, Smart Sound
- Sound System: Virtual Dolby Digital, BBE

Loudspeakers
- Built-in speakers: 6
- Loudspeaker types: 2 integrated subwoofers, Dome tweeter

Convenience
- Child Protection: Child Lock+Parental Control
- Ease of Installation: Auto Programme Naming, Automatic Channel Install (ACI), Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- Ease of Use: Four favourite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control
- Electronic Programme Guide: Now + Next EPG, 8-day Electronic Programme Guide
- Picture in Picture: Text dual screen
- Remote Control: TV, Amp, DVD, DVD-R, Sat, STB (Set-Top Box), Universal, HTS (Home Theatre System)
- Remote control type: RC4491
- Screen Format Adjustments: 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Super Zoom, Widescreen, unscaled (1080p dot by dot)
- Teletext: 1200-page Hypertext
- Teletext enhancements: Habit Watch, Programme information Line
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB
- Multimedia: Digital media reader (browser), USB autobreak-in
- Smart mode: Game, Movie, Personal, Energy saving, Standard, Vivid

Multimedia Applications
- Multimedia connections: Ethernet-UTP5, USB
- Playback Formats: MP3, Slideshow files (.alb), JPEG Still pictures, MPEG1, MPEG2

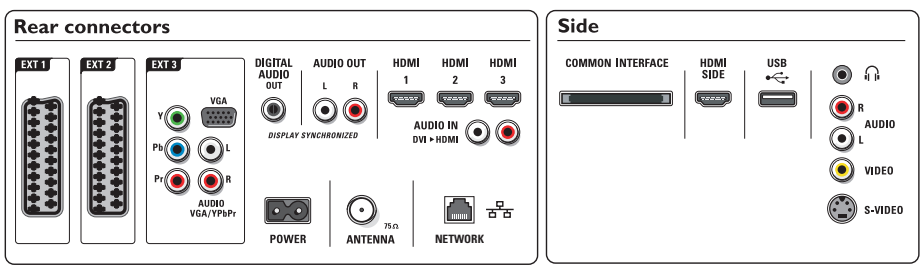
Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: DVB COFDM 2K/8K
- Video Playback: NTSC, SECAM, PAL
- DVB: DVB Terrestrial*, DVB-T MPEG4*, DVB-C MPEG4*
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- Ext 1 Scart: Audio L/R, CVBS in, RGB
- Ext 2 Scart: Audio L/R, CVBS in, RGB
- Ext 3: YPbPr, Audio L/R in, VGA PC-in
- Ext 4: HDMI v1.3
- Ext 5: HDMI v1.3
- Ext 6: HDMI v1.3
- EasyLink (HDMI-CEC): One touch play, System audio control, System standby
- Front/Side connections: HDMI v1.3, S-video in, CVBS in, Audio L/R in, Headphone out, USB
- PC network link: DLNA certified
- Other connections: Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface

Power
- Ambient temperature: 5°C to 35°C
- Mains power: AC 220-240 V +/- 10%
- Power consumption: 205 W
- Power (Energy-saving mode): 155 W
- Standby power consumption: 0.15 W

Dimensions
- Set dimensions (W x H x D): 1004 x 645 x 111 mm
- Set dimensions with stand (W x H x D): 1004 x 712 x 201 mm
- Weight incl. Packaging: 34.7 kg
- Product weight: 30.6 kg
- Product weight (+stand): 33.5 kg
- Box dimensions (W x H x D): 1092 x 845 x 300 mm
- Colour cabinet: Precision Chrome and translucent
- VESA wall mount compatible: 200 x 200 mm

Accessories
- Included Accessories: Tabletop swivel stand, Wall mounting bracket, RF antenna cable, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control



* DVB-T, supported in selected countries only
* DVB-T MPEG4 only for: France, Spain, Denmark, Norway, Finland, Sweden. DVB-C MPEG4 only for selected providers: Denmark, Norway, Finland, Sweden. The most up-to-date information is available on the type plate of the TV, or via www.philips.com/support under the specific type number.

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